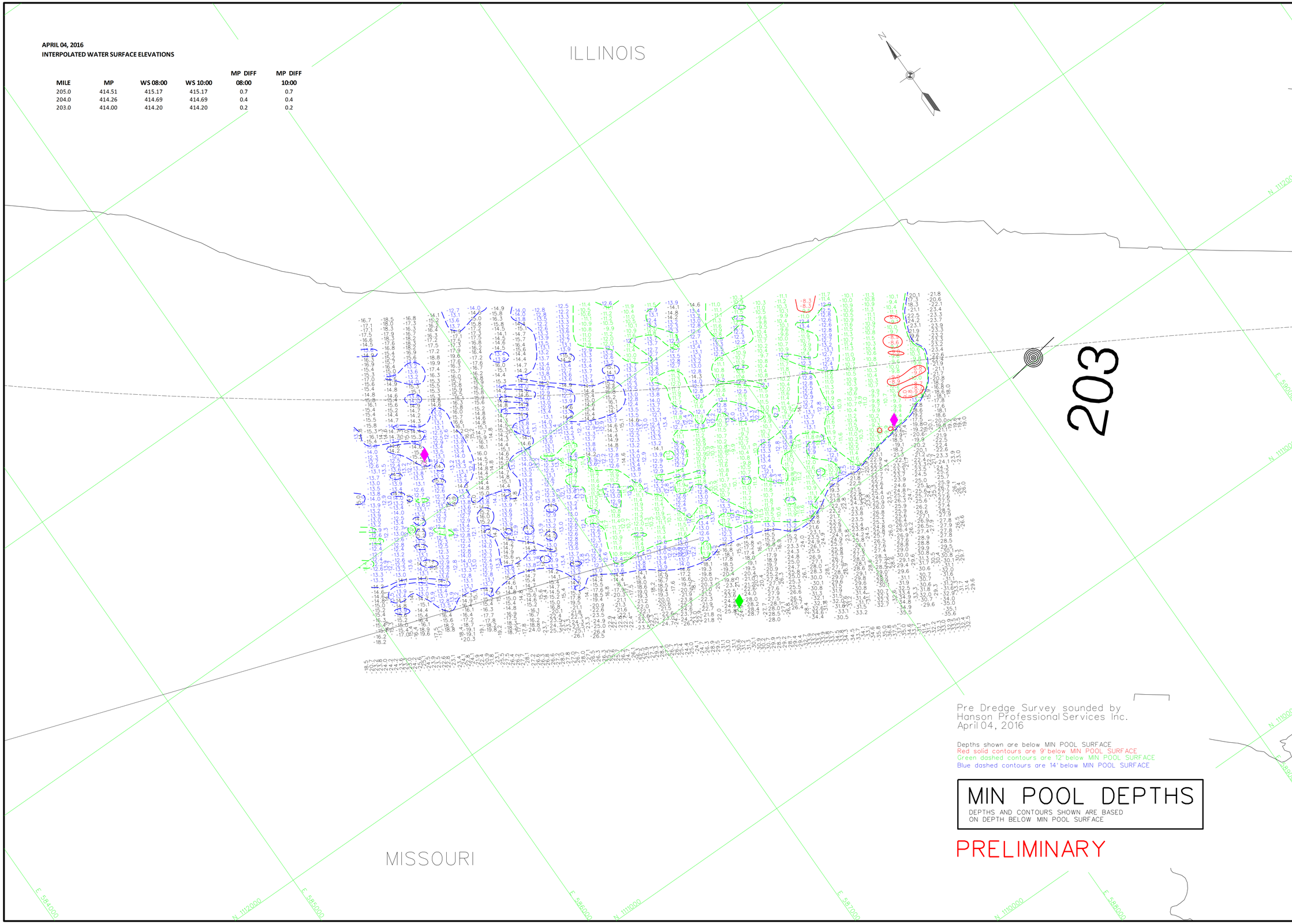
**APRIL 04, 2016**
**INTERPOLATED WATER SURFACE ELEVATIONS**

| MILE | MP | WS 08:00 | WS 10:00 | MP DIFF 08:00 | MP DIFF 10:00 |
|---|---|---|---|---|---|
| 205.0 | 414.51 | 415.17 | 415.17 | 0.7 | 0.7 |
| 204.0 | 414.26 | 414.69 | 414.69 | 0.4 | 0.4 |
| 203.0 | 414.00 | 414.20 | 414.20 | 0.2 | 0.2 |




Pre Dredge Survey sounded by
Hanson Professional Services Inc.
April 04, 2016

Depths shown are below MIN POOL SURFACE
Red solid contours are 9' below MIN POOL SURFACE
Green dashed contours are 12' below MIN POOL SURFACE
Blue dashed contours are 14' below MIN POOL SURFACE

# MIN POOL DEPTHS

DEPTHS AND CONTOURS SHOWN ARE BASED ON DEPTH BELOW MIN POOL SURFACE

PRELIMINARY

US Army Corps of Engineers
St. Louis District

GAGE RECORD

| | WATER SURFACE | MEL PRICE L&D (U) | ALTON, IL | GRAFTON |
|---|---|---|---|---|
| ZERO N.G.V.D. | | 395.5 | 400.0 | 403.8 |
| MILE | | 201.1 | 203.0 | 218.6 |
| MIN POOL | | 412.5 | 414.0 | 418.0 |
| | 04 APRIL 2016 | | 414.2 (08:00)<br>414.2 (10:00) | 421.8 (08:00)<br>421.8 (10:00) |

Survey Date: April 04, 2016

SUBMITTED:

Chief, Engr. Data Mngt. Sect.

File name: 203304a16_mp.dgn
Plot date: Wed Apr 06 2016
Plot scale: 1"=400'

Surveyed by: HANSON
Drawn by: JLK
Ckd by: JCL
Reviewed by:
APPROVED: Chief, Geospatial Branch

U.S. ARMY ENGINEER DIVISION
CORPS OF ENGINEERS
ST. LOUIS, MISSOURI

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

240 METERS
800 FEET
120 0 120 400
400 0 400 800

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE AT THE TIME AND DATE INDICATED AND ARE INDICATIVE OF THE GENERAL CONDITIONS EXISTING AT THAT TIME

PRE DREDGE SURVEY
MILE: 203.6 - 203.1

PLATE NUMBER
01